GENERAL

THIS PROJECT INVOLVES THE RECONSTRUCTION OF A TRAFFIC SIGNAL AT THE INTERSECTION OF MD 273 AT MD 213 IN CECIL COUNTY.

INTERSECTION OPERATION

A SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL BE INSTALLED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 4 NEMA PHASES. THE SIDE STREETS OR MD 213 SHALL OPERATE USING A SPLIT PHASE MODE.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

PHONE: (410) 787-7630

MR. RICHARD LINDSAY, ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (410) 810-3210 MR. JEFF AMORIELLA, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION PHONE: (410) 810-3270 MR. TERRY O. WRIGHT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (410) 810-3250 MR. BARRY CLOTHIER, UTILITY ENGINEER PHONE: (410) 810-3275
MR. ED RODENHIZER, SIGNAL SHOP[CHIEF PHONE: (410) 787-7652 MR. SONNY BAILY, SIGN SHOP CHIEF PHONE: (410) 787-7676 MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION

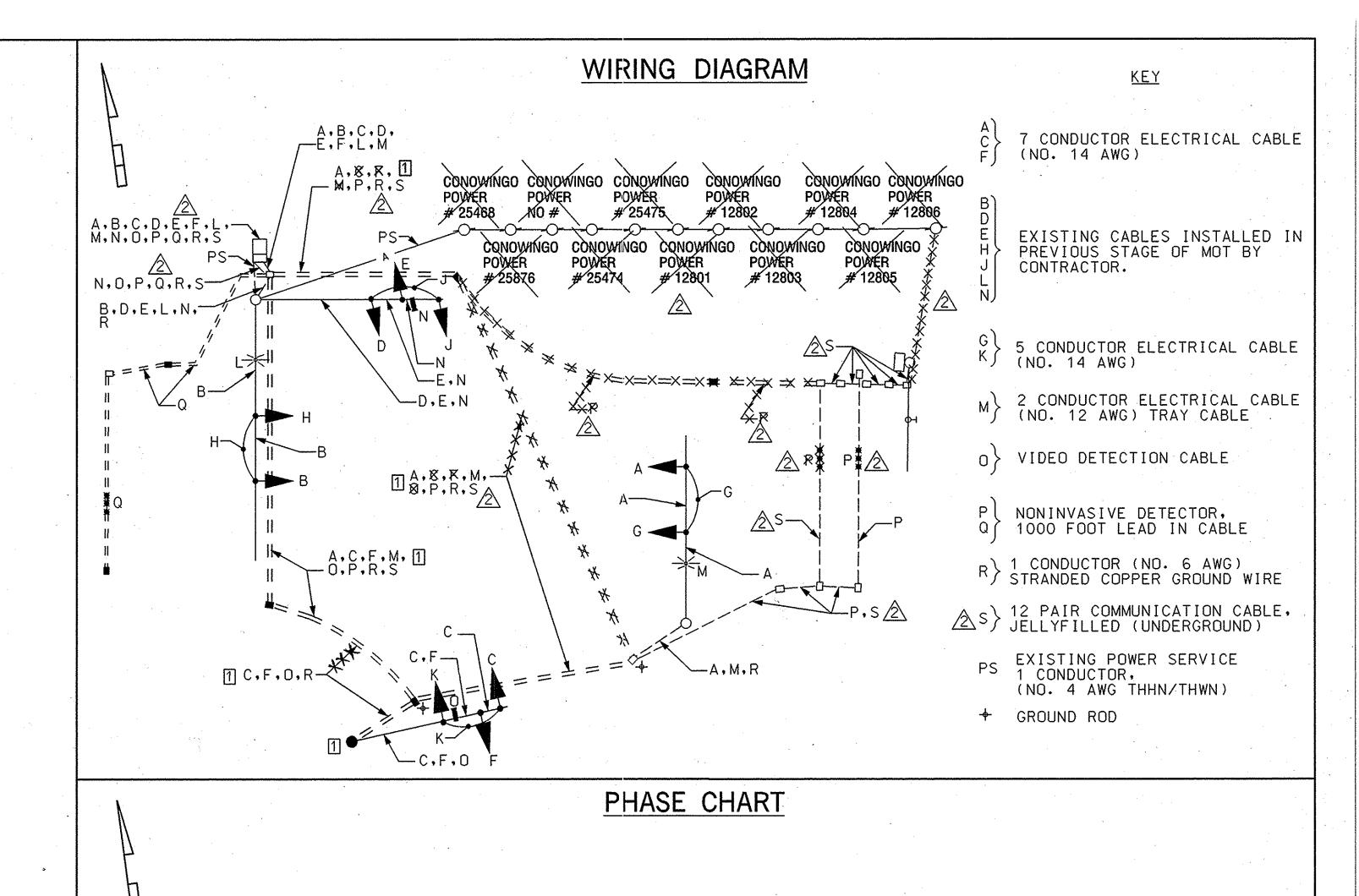
EQUIPMENT LIST

A. EQUIPME	NT TO BE SUPPLIED BY THE ADMINISTRAT	ION.		•
CATEGORY CODE NO.	DESCRIPTION		UNITS	QUANTITY
973023	FLAT SHEET ALUMINUM SIGNS CONSIS GUIDE SHIELD ASSEMBLY (30 GUIDE SHIELD ASSEMBLY (48 GUIDE SHIELD ASSEMBLY (30 GUIDE SHIELD ASSEMBLY (48	"X51") POLE MOUNTED "X75") POLE MOUNTED "X51") GROUND MOUNTED	SF EA EA EA	861231 -3-2 2 1 1 1 1

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
585462 585624 800000 800000 801004 801106 802501 805115 805118 805135 805140 810605 811001 813014 813015 816005	REMOVE OF PERMANENT PAVEMENT LINE MARKINGS — ANY WIDT 24 INCH HEAT APPL, WHITE PERMANENT PREFORMED THERMO, REMOVE AND DISPOSE OF EXISTING EQUIPMENT RELOCATE EXISTING OVERHEAD SIGN ON MAST ARM CONCRETE FOR SIGNAL FOUNDATION WOOD SIGN SUPPORTS 4 INCH X 6 INCH NO. 6 AWG STRANDED BARE COPPER GROUND WIRE 3 INCH SCHED. 80 PVC CONDUIT— BORED 4 INCH SCHED. 80 PVC CONDUIT— BORED 3 INCH SCHED. 80 PVC CONDUIT— TRENCHED 4 INCH SCHEDULE 80 RIGID PVC CONDUIT — TRENCHED NONINVASIVE DETECTOR, 1000 FOOT LEAD IN CABLE FURNISH AND INSTALL ELECTRICAL HANDHOLE INSTALL GROUND MOUNTED SIGN CONTROL CABLE, 250 FOOT, VIDEO DETECTION CAMERA	LLLSCL LLLLLEESSE	83 105 1 58 3 40 1 40 1 270 435 1 25 55 260 870 357 60 1 2 4 2 4 6 1 36 1 36 1 36 1 40 1 2 1 36 1 36 1 36 1 36 1 36 1 36 1 36
816010 818030 822002 837001 860265 860270 860272 861107 861108 861116	CONTROL CABLE, 500 FOOT, VIDEO DETECTION CAMERA STEEL POLE WITH A SINGLE 38 FOOT MAST ARM 12-PAIR COMMUNICATION CABLE, JELLYFILLED (UNDERGROUND GROUND ROD - 3/4 INCH DIA. X 10 FOOT LENGTH RELOCATE EXISTING SIGNAL HEAD 8 INCH VEHICULAR SIGNAL HEAD SECTION 12 INCH VEHICULAR TRAFFIC SIGNAL HEAD SECTION ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG) ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG) ELECTRICAL CABLE - 2 CONDUCTOR (NO. 12 AWG)	EELEEELLLL EEELLLL	1 2 1 1 1 2 1

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILLIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.



1 R Y G	2 R Y G	3 R Y G	4 R Y G	5 @\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	6 (2) (3)	7 (R) (Y) (G)	8 (2) (4)	9 (R) > (G) (G)	10 R Y G	13 RED SGNAU AHEAD	
G	G	G	G	R	R	R	R	R	R	DARK/RED SIGNAL AHEAD FL/RED	$\overline{\Box}$
Υ	Υ	Υ	Υ	R	R	R	R	R	R	FL/RED FL/SIGNAL AHEAD	
R	R	R ·	R	R	R	R	G GG−	GIG-	G	FL/RED FL/SIGNAL AHEAD	1
							1			FL/OFO	17

PHASE 2 AND 6 2 AND 6 CHANGE PHASE 3 3 CHANGE PHASE 4 4 CHANGE FLASHING FLY | FLY | FLY | FLY | FL/R | FL/R | FL/R | FL/R | FL/R | DARK **OPERATION**

ULTIMATE

1 REDLINE REVISION No.1 ADDENDUM No. 2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION PLAN

MD 273 (TELEGRAPH ROAD) AT MD 213 (LEWISVILLE /SINGERLY ROAD)



S. SMITH DRAWN BY: TS-838 E CHECKED BY: S. RENZI CE44I5I76 S.H.A. NO. SHEET NO. 1" = 20' CECIL COUNTY: T.I.M.S. NO. AUGUST, 2004 07021325.94 F246 28 OF 28 LOG MILE: